

Technical Service Bulletin



46 A6 and A7 squealing from front brakes (PR-1LJ)

46 15 14 2040964/1 June 29, 2015.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6, A7	2014	000001 - 047382	PR 1LJ

Condition

Customer may complain about brake squeak or squeal with light to moderate pedal pressure.

Technical Background

If any of the following conditions exist, this TSB does not apply.

1. Front brake discs or brake pads are close to their wear limit (disc wear limit: 28 mm and pads wear limit with backing plate and dampening plate: 10 mm).
2. Foreign objects between brake disc and brake pad, such as small stones, grit, rust build-up, or sand.
3. Un-ground or corroded friction materials.
4. Metallic deposits from disc material in brake pad (Figure 1).



Figure 1. Metallic deposits.

Production Solution

New front brake discs introduced in production from 8/5/2013.

Service

Check the part number on the front discs. If part number is not 4G0615301G, then install 4G0615301G front discs (Figure 2).

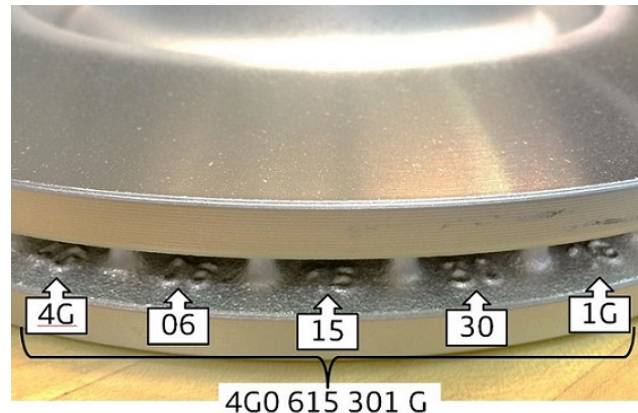


Figure 2. Front brake disc part number location.

Brake embedding – follow this procedure if front discs are replaced.

1. Perform 10 stops from approximately 35 mph to 10 mph with medium pedal pressure.
2. Drive for approximately 5 minutes without braking to allow the brakes to cool down.
3. Perform 10 stops from approximately 35 mph to 10 mph with medium pedal pressure.
4. Drive for approximately 5 minutes without braking to allow the brakes to cool down.
5. Repeat steps 1 and 2 if necessary.
6. Do not perform ABS stops as a way of embedding the brakes. Brake pads and discs may be permanently damaged.



If the vehicle still exhibits brake noise after all the repairs stated above have been accurately performed:

- Obtain a sound recording, create a TAC ticket, and attach the sound recording.
- Do not open a TAC ticket without a sound recording.

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Warranty

There must be an original customer complaint of the specified symptom on the repair order for this Technical Service Bulletin to apply. Adding this procedure on is not permitted.

Claim Type:	110		
Service Number:	4617		
Damage Code:	0020		
Labor Operations:	2 Wheels remove and reinstall	4405 2000	20 TU
	2 Front brake disc remove and reinstall Includes front brake caliper loosened and fastened	4650 2050	40 TU
Diagnostic Time:	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2040964/1		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

Required Parts and Tools

Part Number	Part Description	Quantity
4G0615301G	Front brake discs	2

Additional Information

All parts and service references provided in this TSB (2040964) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.